APPENDIX

CLAIM AMENDMENTS

1.   (Amended)   A system for processing program information comprising program information storage means for storing program information, and program table display means [for] comprising a [two-dimensional] display having at least two dimensions [according to] defined by a designation of at least two-axes attributes [when] wherein the [two] attributes are selected from among all program information attributes, and at least two such attributes are used for two axes of a program table.

2.   (Amended)   A system for processing program information as claimed in claim 1, further comprising attribute input means [through which the two axes] adapted to input attributes of two axes used for two-dimensionally displaying the program table [are input], and program table making means for retrieving program information [in] from program information stored in the program information storage means on the basis of said input attributes to make the program table, said program information display means displaying the program table [from] created by the program table making means.

3.   (Amended)   A system for processing program information as claimed in Claim 2, wherein the program table making [has the functions of retrieving] is adapted to program information stored in the program information storage means and classify[ing] said program information.

4.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for selecting or adding another attribute [is selected or add] to the two-axes attributes of the program table to change over the display.

5.   (Amended)   A system for processing program information as claimed in Claim 2, wherein [the] means are provided to display [is possible at] the program table while [condition of] culling a portion [needless] of the data that do not need to be displayed [when displaying the program table].

6.   (Amended)   A system for processing program information as claimed in Claim 5, [wherein] further comprising means to restore the original program table [can be restored] when displaying the program table.

7.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means to select an attribute relative to the program [can be selected] to change over the display.

8.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for adding and/or deleting a new attribute [can be added to and an attribute can be deleted] from the program table in accordance with a selection of the attribute by a user or an input from another system.

9.   (Amended)   A system for processing program information as claimed in Claim 1, [wherein] further comprising means to designate information registered by a user [can be designated] as an attribute of the program table.

10.   (Amended)   A system for processing program information as claimed in Claim 2, wherein, when there are plural programs in a same time zone, [they can be used for a program] using said plural programs to check the programs of the same time zone without expanding the display area by displaying them overlaidone upon another [as they are shifted] while shifting the programs rearward [little by little] one at a time, and displaying [them at the front one by one] the programs.

11.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means to select three-axes attributes of the program table [are selected] by a user to display information as a three-dimensional shape.

12.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein the attributive structure of a word relative to an] further comprising means to extract attribute information [of the program table can be extracted] from program information.

13.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means to display and/or play back [an outline so far,] pictures or sounds of a program [can be stored to display and play back them].

14.   (Amended)   A system for processing program information as claimed in Claim 2, wherein, when a channel or a program is selected as an attribute of the program table, it is possible [that] to change the channel [is changed over] to the picture of the program and information relative to the program [relation information] is displayed if the program is [on the air at present] being received, and only information relative to the program is displayed if the program is [off the air] not being received.

15.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein,] further comprising, if a channel is selected as an attribute of the program table, means for displaying advertisements and program related [relation] information [can be displayed] in accordance with the time schedule of programs [in] being broadcast over the channel.

16.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for transmitting and/or receiving program information, program relation information, program information renewal information, information registered by a user, a program, a picture, or a sound [can be transmitted and received].

17.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for transmitting and/or receiving an image sequence made by a user [can be transmitted and received to be displayed] and means for displaying said image sequence in a portion of the program table.

18.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein it is possible that] further comprising means for transmitting program information selected by a user, means for calculating [is transmitted and] the number of people viewing the same program, and displaying [is calculated to display] the result in a portion of the program table as an audience rating or [the] as a number of people in the audience.

19.   (Amended)   A system for processing program information, [wherein] comprising program information including an index for retrieving a program, and means for transmitting and/or receiving said program information [can be transmitted and received].

20.   (Amended)   A system for processing program information as claimed in Claim 19, [wherein] further comprising maintaining a user attribute, that is adapted to [is maintained at the receiver side] to retrieve program information, including an index for retrieving a program[,] on the basis of the user attribute, at the receiver side.

21.   (Amended)   A system for processing program information as claimed in Claim 19, wherein, when [a retrieval was unsuccessful with] retrieving program information, including an index for retrieving a program, was unsuccessful at the receiver side, the system further comprising means for retrieving said program information [a retrieval and an automatic classification are carried out] means for automatically classifying said program information at the transmitter side and means for transmitting the result [is transmitted] to the receiver side.

22.   (Amended)   A system for processing program information as claimed in Claim 20, wherein, when a retrieval [as claimed in Claim the] based on a user attribute was unsuccessful with program information including an index for retrieving a program, at the receiver side, [a retrieval] the system further comprising retrieving and automatically classifying

said program information [and an automatic classification] according to the user attribute [are carried out] at the transmitter side and means to transmit the result [is transmitted] to the receiver side.

23.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for recording, reserving for recording and playing back a designated program [can be recorded, reserved for recording or played back] in accordance with a designation by [of] a user or an input from another system.

24.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising means for displaying programs that have been recorded or reserved for recording [can be displayed] along the time line of the program table.

25.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein] further comprising a recorder [is provided] for recording information of the program viewed by a user, and means for examining a relationship with recorded program information [is examined] in all programs and means for displaying the program [is displayed] when it is judged that the relationship is high.

26.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein it can be shown] further comprising means for determining whether a performer of the program appears on a certain day or not.

27.   (Amended)   A system for processing program information as claimed in Claim 2, [wherein the system has] further comprising a fitting degree calculation means for calculating a fitting degree between program information and each piece of program classification information, and program classification means [in which] comprising means to calculate a fitting degree, to one given piece of program classification information and a program information set[, a fitting degree of each piece of program information in the program information set to program classification information, is calculated by using the fitting degree calculation means] to obtain a subset of the program information set having a fitting degree not less than a given threshold

value, [and] means for taking a [line] portion of the program classification predetermined or designated by a user [is taken] as one or more attributes of the program table and means to display it by the program table display means.

28   (Amended)   A system for processing program information as claimed in Claim 2, [wherein the system has] further comprising a fitting degree calculation means for calculating a fitting degree between program information and each piece of program classification information, and program classification means, [in which] comprising means to calculate, as to one given piece of program classification information and a program information set, a fitting degree of each piece of program information in the program information set to program classification information, [is calculated by using the fitting degree calculation means] to obtain a subset of the program information set having a fitting degree not less than a given threshold value, and means for the program table display means [displays] to display only a program classified as [into] a program classification that has been predetermined or designated by a user so that it can be distinguished from another program in the program table without depending on the form of the program table.

29.   (Amended)   A system for processing program information as claimed in Claim 2, further comprising program information designation means for designating a subset of [as to] a program information set stored in the program information storage means, [relative] key word extraction means for extracting a characteristic word set characterizing the subset from the subset of program information designated by the program information designation means, and program information extraction means for extracting characteristic word information from the designated subset by using the [relative] key word extraction means and extracting program classification information for discriminating and classifying program information similar to program information in the subset.

30.   (Amended)   A system for processing program information as claimed in Claim 27, [wherein] further comprising means for transmitting program classification information [is transmitted] from a user side terminal to a server side terminal, means for classifying program information [is classified by] as a function of the program information classification means at the

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server side, and <u>means for transmitting</u> only program information classified into program classification information <u>that has been</u> transmitted from the user side terminal [is transmitted] to the user side terminal.